

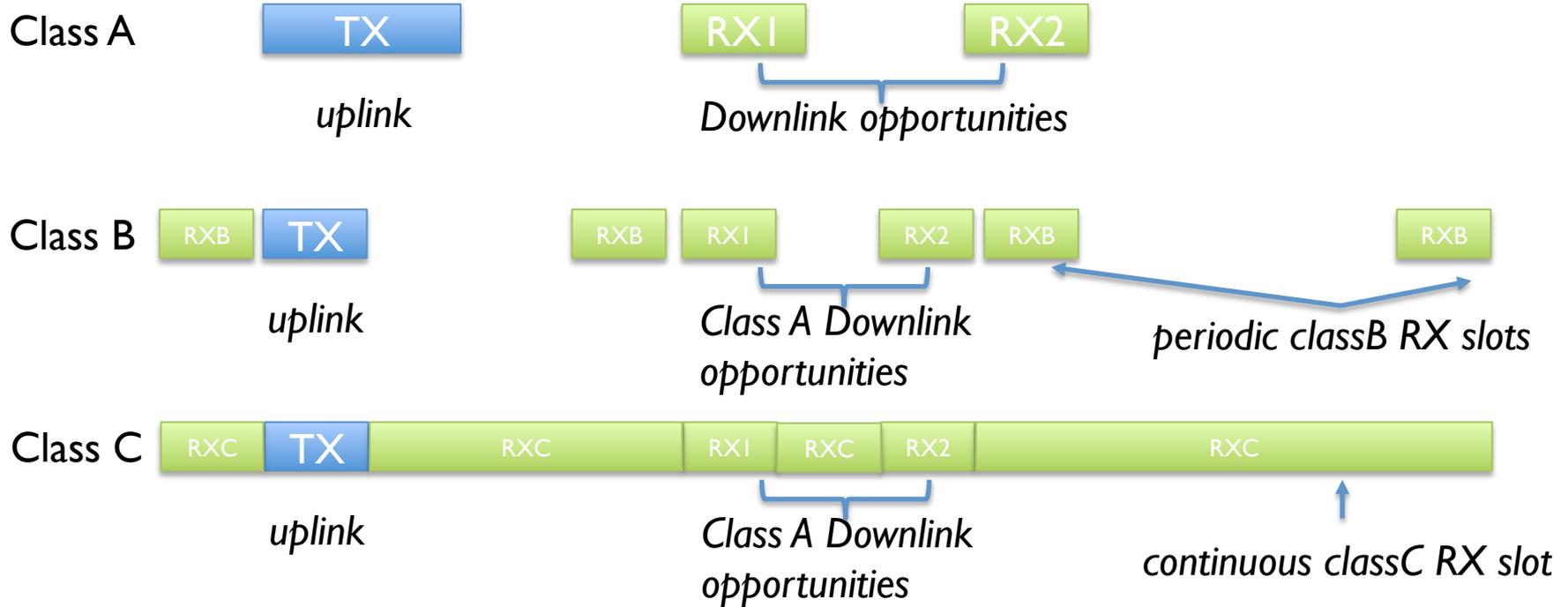
# SCHC over LoRaWAN draft 02

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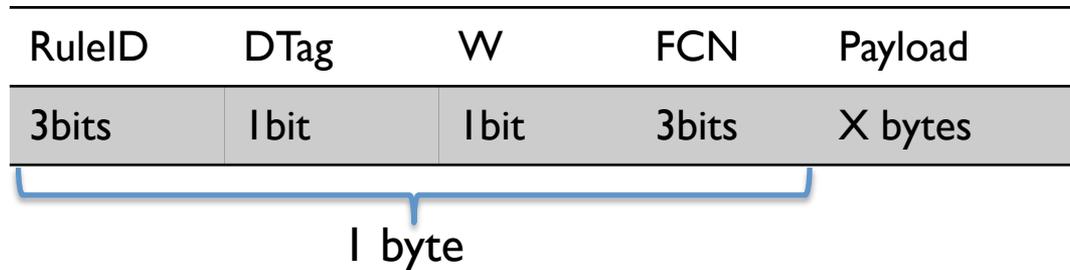
# LoRaWAN 3 device classes



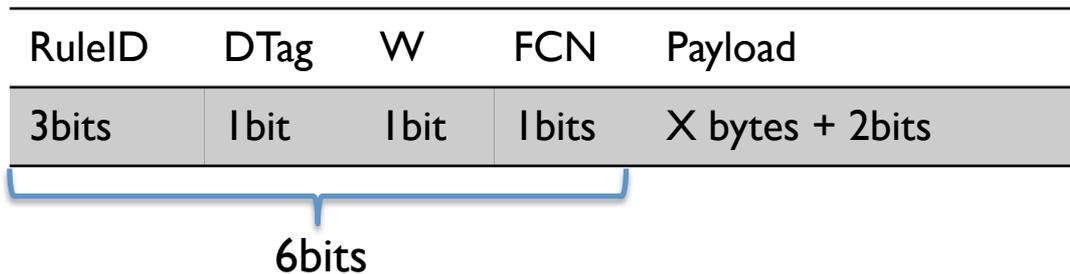
# Document status

- LoRaWAN architecture & mapping to SCHC components 
- Uplink & downlink Fragmentation   
*With Different parameters for class A/B/C*

### Uplink frag



### Downlink frag



# Seeking feedback ?



- Current draft encodes RuleID on 3 bits
  - This leaves 7 RuleIDs for header compression

Is that enough ?

- Typical COAP requests works with 3 rules
  - Unconfirmed POST, conf POST, conf GET
- We need to learn more about real use-cases

# To be done

- Security model
- Describe specificities of 3 device classes classA, B & C regarding IPV6 applications
- Provide detailed frame exchange examples

# our feedback on SCHC

## Like:

- the overall simplicity
- the fragmentation scheme

## Desired addition:

- Implicit introduction & conclusion rule : *would allow using SCHC even for non-SCHC simple legacy devices*
- A way for device to send rule(s) to SCHC gateway : *out-of-band gateway rule provisioning is going to be complicated*

# Draft adoption

We are asking the workgroup to adopt the draft